

# INTERNATIONAL SEARCH REPORT

International Application No

PCT/EP 03/51067

**A. CLASSIFICATION OF SUBJECT MATTER**  
 IPC 7 H04M1/22 H04M1/725 G06F3/023

According to International Patent Classification (IPC) or to both national classification and IPC

**B. FIELDS SEARCHED**

Minimum documentation searched (classification system followed by classification symbols)  
 IPC 7 H04M G06F

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 6 067 074 A (LUEDERS WILLIAM R) 23 May 2000 (2000-05-23) abstract column 2, line 8-63 column 3, line 45 -column 4, line 62 column 5, line 9-38 column 7, line 61-64 figures 2,3,6-8 ---	1-13
X	DE 199 51 219 A (ALI HOSSAIN ;EMAMI ARMAN (DE)) 19 April 2001 (2001-04-19) abstract column 2, line 20 -column 3, line 53 claims 1-5; figures 1-9 ---	1,4-13
X	DE 197 58 403 A (GRIBOV IOURII) 1 July 1999 (1999-07-01) the whole document ---	1-13
		-/-

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

\* Special categories of cited documents :

- "A" document defining the general state of the art which is not considered to be of particular relevance
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Date of the actual completion of the International search

Date of mailing of the International search report

5 May 2004

13/05/2004

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## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 02/15211 A (NOKIA CORP ;NOKIA INC (US)) 21 February 2002 (2002-02-21) abstract; figures 3A,3B,4.6A,6B ---	1,4-13
X	WO 00/79772 A (FEIL HENRY ;SIEMENS AG (DE)) 28 December 2000 (2000-12-28)	1,2,4-7
A	page 2, line 24-37 page 4, line 14-33 figures 1-5 ---	3,8-13
X	EP 1 146 490 A (SHINETSU POLYMER CO) 17 October 2001 (2001-10-17) abstract column 3, line 39-56 column 9, line 27 -column 14, line 5 figures 1-4 -----	1,3-13

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Patent document cited in search report		Publication date		Patent family member(s)		Publication date
US 6067074	A	23-05-2000	US JP	6028591 A 63132323 A		22-02-2000 04-06-1988
DE 19951219	A	19-04-2001	DE	19951219 A1		19-04-2001
DE 19758403	A	01-07-1999	DE	19758403 A1		01-07-1999
WO 0215211	A	21-02-2002	US AU EP WO	6704004 B1 7764201 A 1309981 A1 0215211 A1		09-03-2004 25-02-2002 14-05-2003 21-02-2002
WO 0079772	A	28-12-2000	WO	0079772 A1		28-12-2000
EP 1146490	A	17-10-2001	JP EP	2001291449 A 1146490 A2		19-10-2001 17-10-2001